

IN THE CLAIMS:

Claims 1-20 cancelled.

21. (Currently Amended) A process for the production of wood strand board comprising

- a) applying a polyisocyanate to wood strands,
- b) monitoring the polyisocyanate/wood strand material in accordance with a method comprising the method of Claim 14
 - (1) exposing a material to which binder has been applied to ultraviolet waves for a period of time sufficient to cause the binder to fluoresce,
 - (2) collecting visible waves emitted by the fluorescing binder,
 - (3) passing the collected ultraviolet waves from (2) through a filter which blocks ultraviolet waves,
 - (4) imaging the visible wave emissions of the fluorescing binder onto a video camera that converts the image to an electronic signal, and
 - (5) relaying the electronic signal generated by the video camera in (4) to a means for correlating dosage and distribution of binder to the electronic signal received
- until the polyisocyanate dosage and distribution are within a previously determined acceptable range,
- c) forming the polyisocyanate/wood strand material into the desired shape or form, and
- d) subjecting the polyisocyanate/wood strand material to curing conditions.